2000 Annual Index

First Quarter 1-40 *Third Quarter* 83-132
Second Quarter 41-82 *Fourth Quarter* 133-170

SUBJECT INDEX

BRIDGES

Inelastic Design and Testing of Steel Bridges Comprising Noncompact Sections—*Bryan A. Hartnagel and Michael G. Barker* 3

Nonlinear Analysis of Composite Steel Girder Bridges—*Linzhong Deng and Michel Ghosn* 140

COMPOSITE DESIGN

Developments in Long Span Composite Slabs *Budi R. Widjaja and W. Samuel Easterling* 73

Experiments on the Effects of Power Actuated Fasteners on the Strength of Open Web Steel Joists—*Michael D. Engelhardt, Zachary Kates, Hermann Beck and Blake Stasney* 157

COMPRESSION MEMBERS

Beam-Columns

A New Approach for Design of Steel Beam-Columns—*Abbas Aminmansour* 41

LRFD Beam-Column Graphical Design Aid—*William J. Keil* 99

CONNECTIONS

Design of Welded Steel Moment Connections Using Truss Analogy—*Subhash C. Goel, Kyoung-Hyeog Lee, and Bozidar Stojadinovic* 31

Examination of AISC LRFD Shear Lag Design Provisions—*William J. Kirkham and Thomas H. Miller* ..83

Panel Zone Yielding in Steel Moment Connections—*Sherif El-Tawil* 120

CONNECTIONS

Tubular Connections

Gusset Plate Connection to Round HSS Tension Members—*J. J. Roger Cheng and Geoffrey L. Kulak* 133

FIRE-RESISTANT CONSTRUCTION

Design of Concrete-Filled Hollow Structural Steel Columns for Fire Endurance—*Venkatesh K. R. Kodur and David H. MacKinnon* 13

MULTI-STORY BUILDINGS

Modeling of Support Conditions at the Bases of Tall Buildings—*R. Shankar Nair* 25

SERVICEABILITY

Discussion-Ponding Calculation in LRFD and ASD—*K. P. Milbradt*.....167

AUTHOR INDEX

Abbas Aminmansour
A New Approach for Design of Steel Beam-Columns 41

Michael G. Barker
Inelastic Design and Testing of Steel Bridges Comprising Noncompact Sections 3

Hermann Beck
Experiments on the Effects of Power Actuated Fasteners on the Strength of Open Web Steel Joists 157

J. J. Roger Cheng
Gusset Plate Connection to Round HSS Tension Members....133

Linzhong Deng
Nonlinear Analysis of Composite Steel Girder Bridges 140

W. Samuel Easterling
Developments in Long Span Composite Slabs 73

Sherif El-Tawil
Panel Zone Yielding in Steel Moment Connections ..120

Michael D. Engelhardt
Experiments on the Effects of Power Actuated Fasteners on the Strength of Open Web Steel Joists 157

Michel Ghosn
Nonlinear Analysis of Composite Steel Girder Bridges 140

Subhash C. Goel
Design of Welded Steel Moment Connections Using Truss Analogy 31

Bryan A. Hartnagel
Inelastic Design and Testing of Steel Bridges Comprising Noncompact Sections 3

Zachary Kates
Experiments on the Effects of Power Actuated Fasteners on the Strength of Open Web Steel Joists 157

William J. Keil
LRFD Beam-Column Graphical Design Aid....99

William Kirkham
Examination of AISC LRFD Shear Lag Design Provisions....83

Venkatesh K. R. Kodur
Design of Concrete-Filled Hollow Structural Steel Columns for Fire Endurance 13

Geoffrey L.Kulak
Gusset Plate Connection to Round HSS Tension Members 133

Kyoung-Hyeog Lee
Design of Welded Steel Moment Connections Using Truss Analogy 31

David H. MacKinnon
Design of Concrete-Filled Hollow Structural Steel Columns for Fire Endurance 13

K. P. Milbradt
Discussion – Ponding Calculation in LRFD and ASD 167

Thomas H. Miller
Examination of AISC LRFD Shear Lag Design Provisions....83

R. Shankar Nair
Modeling of Support Conditions at the Bases of Tall Buildings 25

Blake Stasney
Experiments on the Effects of Power Actuated Fasteners on the Strength of Open Web Steel Joists 157

Bozidar Stojadinovic
Design of Welded Steel Moment Connections Using Truss Analogy 31

Budi R. Widjaja
Developments in Long Span Composite Slabs 73